



Tech photo by Grant M. Johnson

Left to right: Professor emeritus Charles Kindleberger, Professor Jonathan King, Professor Thomas Sheridan ScD '59, Institute Professor Walter Rosenblith, Professor David Noble, and Professor J. Herbert Hollomon '40 discuss the impact of funding sources on MIT.

Panel looks at research funds

By Robert E. Malchman

Vigilance against abuses in university-industry ties "cannot be delegated to anyone other than the faculty," declared Institute Professor Walter Rosenblith, chairman of a panel discussing the impact of funding sources on MIT, yesterday.

"The ethics of getting into bed" with industry depends on circumstances and the intentions of participants, said Professor of Engineering and Applied Psychology Thomas Sheridan ScD '59. "It is inappropriate to lay down hard and fast rules."

The professor in charge of a project must maintain standards, he continued. "There is no way around this ultimate authority."

Monitoring professors is difficult, according to Charles Kindleberger, professor emeritus of economics. When he "sat on the conflict of interest committee, the department heads were supposed to do the monitoring," he said. But neither the committee nor the department heads could con-

trol the "stars," professors who operated with a free hand.

Industry's cooperation is needed to allow study of the effects of technology on it, said Professor of Engineering J. Herbert Hollomon '40. Industry provides money for research, but, more importantly, it provides a laboratory for the study of technology.

Ownership of inventions developed under sponsored research is a moot issue, Hollomon said, because, with a few exceptions, "there is no history of a university being the source of inventions."

Industry frequently expects such inventions when it sponsors research, Hollomon said, so "the university is fooling someone, since it doesn't happen." The risk in taking corporate money is a bias toward short-term results rather than long-term research, he said.

The panel discussion — third in a series of four forums on "Academic Freedom and the Integrity of the University" — was

prompted by the burgeoning field of biotechnology, said Professor of Biology Jonathan King.

Industry largely ignored biotechnology in the past because "there was no money in preventing diseases," he said, so the government funded research, there-

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Frosh picnic time may change

By Thomas Huang

Fraternity rush chairmen will vote tomorrow on a proposal to start next year's freshman picnic four hours earlier than this year, according to Lillian Chiang '84, residence and orientation coordinator for 1983.

"I proposed to move the picnic to 12:30pm" Friday, Sept. 3, Chiang said. "That way, rush would start at 2:30pm."

The changes were proposed in response to the freshman essays written in the beginning of this year, Chiang explained. "Many

freshmen felt that rush was just that — too rushed. Class surveys indicated this as well."

Members of the Office of the Dean for Student Affairs met with this year's pledge class during various fraternity dinners and received the same response, Chiang said.

Freshmen will be required to attend one hour meetings with fraternity and Dean's Office members for housing orientation on the morning of the picnic, Chiang continued.

"The meetings will be mandatory," unlike the informal discussions of past years, she said. "They'll be held like seminars,

with 50 to 100 students per group."

The Undergraduate Office for Academic Support (UASO) does not officially endorse the early picnic plan, according to Margaret S. Richardson, executive officer of the UASO. The Dean's Office will hold the meetings with or without an early picnic, she continued.

It might take another year of discussion before the plan is actually implemented, Richardson said. Some fraternities might be worried about the extra meal they would have to provide for freshmen, she noted.

MIT campus crime declines

By Gary J. Drlik

The number of crimes committed at the Institute during 1982 dropped significantly from the previous year, according to the MIT Campus Police Annual Report for 1982.

The report, distributed to all faculty residents and major MIT offices earlier this month, summarizes criminal complaints and medical emergencies for 1982 and reviews Campus Police service programs.

The report indicates a decrease in all categories of crime. The

number of "crimes against persons" dropped 20 percent from 1981, according to the report. Theft of motor vehicles was down 13 percent, while bicycle theft decreased 57 percent.

The dollar value of stolen Institute property dropped 39 percent from 1981, the report continues. The value of stolen personal property of non-residents declined 30 percent, and that of residents dropped 52 percent.

The decrease partially reflects a state-wide drop of 3.4 percent over the same period, according

to Campus Police Chief James Olivieri. "High visibility" of patrolmen on foot and in cruisers also contributed to the decline, Olivieri said.

The MIT community has been another influential factor, Olivieri said. "We rely on the quick calls" of people witnessing suspicious activity, he said. "Police and community must be a complete package."

The annual report is presented to "share everyday experiences with the community and enlist their help in reporting crime," Olivieri explained. "The best ally we can have is the awareness of the campus community."

The report also provides statistics on medical services rendered by Campus Police. "During 1982 the Campus Police responded to 2556 calls for medical assistance," the report states, representing a 17 percent increase from 1981.

Olivieri rated the medical program "very efficient," noting that every patrolman is a qualified emergency medical technician.

The report also lists community service programs organized by Campus Police. The police conducted several crime and rape prevention seminars for MIT students and employees. A three-month-long project involved door-to-door distribution of crime prevention information packets to all freshmen and sophomores. Campus Police also published a booklet entitled *Straight Talk About Drugs on Campus — A Guide for the MIT Student*.



Tech photo by Grant M. Johnson

Campus Police Chief James Olivieri.

Rent increase funds benefits, kitchens

By Burt S. Kaliski

Next year's average increase of \$195 in undergraduate dormitory rent will fund East Campus and Senior House kitchen construction, the MIT employee benefit program, and basic operation costs, according to George Hartwell, associate director of housing.

MIT "had to go out for a basic bond issue" to fund kitchen construction, Hartwell added. The Institute issued a 10-year, \$800,000 bond. Debt service to the bond, repaying \$162,000 next year, raised rent an average of \$61.75 per student.

"East Campus and Senior House wanted to have the kitchens cleaned," increasing rent system-wide another \$10.89 per student, he continued.

The employee benefit program, providing tuition scholarships to research assistants and teaching assistants next year, raised rent an average of \$64.36 per dormitory resident, Hartwell said.

Residents will also pay \$44.48 for an increase in benefit funds for hourly employees, Hartwell said.

MIT now pays 25.2 cents into benefit funds for each dollar of salary it pays employees, Director of Finance John Currie '57 said in March. The new system will raise the contribution to 33.9 cents.

The rent increase "would have gone over 9.9 percent if you take operations" as well as kitchen construction and employee benefits, Hartwell said. Part of the graduate student benefits — a \$45.54 average rent increase — will be delayed until next year, he said.

"We're trying to hold the line as best we can" on the basic operations increase, Hartwell said. Each dormitory resident will pay an average increase of \$59.06 for operations and for major maintenance reserves. MIT will spend "anywhere from \$250,000 to \$500,000 to keep the system up to where we feel it belongs."

Woman managers need personal skills

By Jake Tinio

A woman's "political and interpersonal skills" are as valuable as her technical competence in attaining professional recognition and advancement in her technical career, said Patricia Quigley, president of the Boston chapter of the Society of Women Engineers (SWE), at a conference Saturday entitled "Sophisticated Ladies — Corporate Knowhow for Technical Women."

Phyllis A. Wallace, professor of management at MIT's Sloan School of Management, discussed the preliminary findings of her study of the early management careers of Sloan School graduates.

"These are very preliminary findings from a study which is ongoing," Wallace said. "My research of this is to find out ini-

tially five years after graduation from Sloan whether women had moved into middle management at the same pace as their male counterparts from Sloan."

Both men and women graduates reported high levels of occupational and personal success and above average job satisfaction in the two and five year surveys, Wallace said. But the women worked significantly more hours per week than the men, she added.

"Women fresh out of Sloan may feel that they are being treated as representatives of the female working community and not as individuals," Wallace remarked.

Although the women graduates generally fared as well as the men in "objective measures of success," they reported experiencing

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inside

Nearly half of freshmen may choose Course VI. Page 2.

The Physicists meet Planet P. Page 7.

Outdoor track skins Bowdoin Polar Bears. Page 11.

Lacrosse hangs tough against Holy Cross. Page 11.

Survey shows 44% of frosh choose EECS

By John J. Ying

Forty-four percent of freshmen surveyed indicated they will "definitely" or "probably" enter the Department of Electrical Engineering and Computer Science (Course VI) next year.

The survey, conducted by student members of the department's Undergraduate Educational Policy Committee, elicited 463 responses, representing slightly over 42 percent of the freshman class. The group distributed their questionnaire in all Physics

II classes; freshmen in the Experimental Study Group and those not taking Physics II were not surveyed.

Slightly over half of those responding, 51 percent, said they will take a computer class for non-majors offered by the De-

partment of Electrical Engineering and Computer Science. Over 75 percent of those "possibly" or not planning to major in Course VI indicated their interest in such a subject. Only 19.7 percent "probably" majoring in Course VI indicated their interest in the same class.

Those planning to take the class for non-majors expressed varied reasons for their interest: Most said computer programming experience is necessary in today's world; others said Structure and Interpretation of Computer Programs (6.001) is too intense and time-consuming for non-majors; and many said they

wanted to know about computers, but not become Course VI majors.

Seventeen percent of those responding said they were forced out of 6.001 earlier this term. Thirty percent said they will take the course in the future.

Many students said MIT needs to expand its computer facilities. "Computers arouse a strong curiosity among most students because of their applicability to most areas of analysis," one respondent wrote. "It is ludicrous to think that we will continue to pay such large sums of money to come to MIT only to be told we cannot study what is relevant."

Business is harder on women

(Continued from page 1)

more job-related stress than the men in both the two and five year surveys, according to Wallace.

"Falling on your face is part of the climb to success, but too many women are fearful of making mistakes," added Elizabeth Drake, head of the chemical engineering department at Northeastern University.

When asked how a woman could best cope in today's business world, Wallace responded, "You really need a sense of humor."

"What are the absolutes for

ethics?" asked Dr. Barbara L. Toffler, professor of organizational behavior at the Harvard Business School. "Most management decisions are too complex to allow simple 'Thou shall's' and 'Thou shall not's' to become absolute realities. If we cling to out-right right's and wrong's we will bind ourselves into paralysis."

A "dynamic and creative" manager should recognize her own responsibilities and liabilities in decision-making processes, Toffler claimed. "The overly conscious manager could become the proverbial chicken without a head."

Over 400 women participated in the third annual professional development conference, cosponsored this year by SWE-Boston and the Association of MIT Alumnae (AMITA). An informal reception concluded the program.

Funding discussed

(Continued from page 1)

fore open exchange of developments was the rule.

David Noble, associate professor of the history of technology, took issue with the validity of the discussion. MIT and other universities are "permeated with corporate funding," he said.

Noble cited President Paul E. Gray '54, President Emeritus Jerome B. Wiesner, Chairman Howard W. Johnson, and fellow panel members Rosenblith and Hollomon, among others, as holding or having held corporate directorships. "When this occurs in government," Noble said, "it's called conflict of interest."

The MIT Corporation is comprised of people from *Fortune* 500 companies, Noble charged. These companies can influence Institute research despite the fact MIT is "90 percent publicly funded," he said. Discussion must be held outside the university where people from outside the corporate structure may contribute.

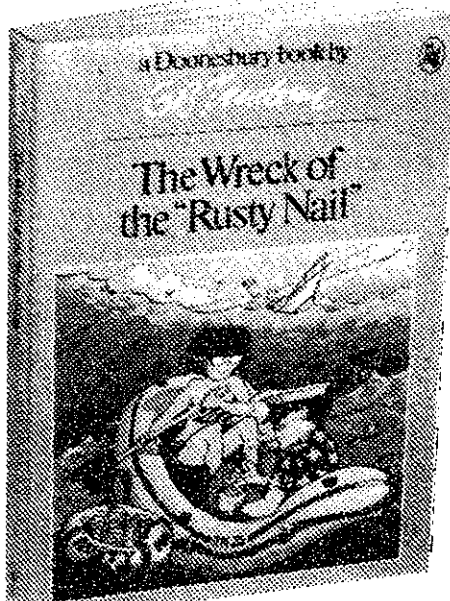
The problem lies not with consultants, but with "equity" holders of corporation — those who own large blocks of stock — doing research which could substantially affect their companies, King said. He suggested ensuring professors do not have equity conflicts of interest.

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news roundup

World

Top Palestinian moderate assassinated — Dr. Issam Sartawi, a Palestine Liberation Organization representative and advisor to PLO chief Yassir Arafat was shot Sunday by an unidentified gunman in Portugal. Sartawi, an advocate of recognition for Israel, was attending a meeting of the Socialist International when he was killed. A radical Palestinian splinter group claimed responsibility for the murder.

Hussein refuses to negotiate with Israel — Jordan's King Hussein announced he would "neither act separately nor in lieu of anyone in Middle East peace negotiations." The decision was a setback to US President Ronald Reagan's Middle East peace plan which calls for Jordan's active involvement, including representation of Palestinian interests.

Nation

Weinberger changes Army decision — Secretary of Defense Casper Weinberger approved the development of the Copperhead artillery shell, an anti-tank weapon which army tests showed will not work in most battlefield conditions. The army had earlier decided to drop production of the laser-guided weapon after tests indicated poor performance by the gun in all except perfect weather conditions.

University of New Hampshire crew sinks — One student drowned and eleven others suffered hypothermia after eight UNH crew shells were sunk by heavy winds and rough seas in New Hampshire's Great Bay. Seventy two members of the UNH crew club were participating in a thirty mile row-a-thon when stormy weather waylaid their lightweight skulls.

Local

Mondale wins straw vote — Former Vice President Walter Mondale won a presidential straw poll at the Massachusetts Democratic convention. An AFL-CIO sponsored vote for "jobs" placed second in the poll, while Sen. Alan Cranston, D-Calif., and Sen. John Glenn, D-Ohio, captured third and fourth. A recently released Gallup Poll shows Mondale far ahead of other Democratic candidates in voter popularity nationwide.

Weather

Showers possible today — The high today will be in the middle 50's with skies clearing in the afternoon but a chance of showers. Tonight will be clear and colder with low temperatures hitting the upper thirties. Tomorrow will be sunny and pleasant, with a high between 58 and 62 degrees.

Daniel J. Crean



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Opinion

Editorial

Visiting Committee report is superficial

The recently released report of the MIT Corporation Visiting Committee on Student Affairs presents an unfortunately superficial examination of the problems plaguing student activities. The Visiting Committee, charged with providing an objective analysis of the Office of the Dean for Student Affairs, had the opportunity to contribute insightful criticisms and to propose intelligent changes; it chose instead to routinely endorse the actions of the Dean's Office and to proffer a few inept recommendations.

The committee correctly identified the reasons behind the chronic shortage of student participation in extracurricular activities as increasing financial burdens due to skyrocketing tuition and pervasive student perception of such participation as worthless. The Visiting Committee, however, makes absolutely no relevant suggestions about curing these problems. The committee justifiably states that students should receive neither academic credit nor financial payment as incentive for their participation, but it provides no viable alternative to these proposals.

Rather, the committee lamely claims students should believe companies "will tend to select candidates with a good activities record." This is a barren suggestion at best. Not only does the committee overlook the general predominance — apparent to any senior interviewing for jobs — of a good grade point average over an excellent activities record, but it also has the arrogance to conclude that students will naively accept their utterance and rush to join activities. Merely saying something is true does not make it so. Worse yet, the Visiting Committee completely ignored further consideration of its own observation that growing financial pressure inhibits students' participation in activities.

The committee does make a few constructive observations and suggestions: Student government as presently incarnated is ineffective and should have more authority in allocating student resources among activities; a student activities fee, successfully used at many other universities, could solve some of the financial problems of extracurricular activities; the use of space in Walker Memorial and the Student Center needs to be re-evaluated; and the Office of the Dean for Student Affairs has failed to provide an adequate channel for communications between students and the rest of the MIT administration. Even here, however, the committee suffers from its obsession with trivialities. It is fine to say "conscious, programmed steps should be taken" to improve Dean's Office contacts with students, but it would be far more useful for the committee to specify exactly what the steps should be.

The Visiting Committee had the potential to give timely and meaningful commentary at this critical juncture in the history of MIT student activities and student government, but instead chose to provide fatuous and impotent suggestions. The Dean's Office must look beyond the committee's uninspired and pedestrian performance for ways to improve the ailing health of student activities.



Column/Duncan Borland

Unifying American youth

In a three-o'clock-in-the-morning-tired-from-working-but-not-too-tired-to-waste-time-discussing-the-meaning-of-life conversation the other night, a friend and I decided the youth of America needs something to bring it together, a common cause and goal.

Our first thought was a war, since that did it in the sixties, but we decided a more constructive catalyst would be preferable. We may have no choice, though, since our nation is already at war in Nicaragua, but that's another column. I want to pursue our answer from the other night: jobs.

I have never quite understood how so many people can be unemployed when there is so much work to be done. Our roads and bridges, our sewers and other facilities are falling apart. Gasoline prices are falling, making it easy to forget our long-term problem of reliance on fossil fuels and to abandon our programs in conservation and in developing renewable energy sources. Much could be done to make facilities accessible to handicapped people and to develop tools to help them become fully functioning members of society. There is much more work to be done and many people who need to work. The problem lies in matching them up.

Some sort of national service program similar to the old Civilian Conservation Corps comes to mind. This is not a new idea; the US Congress is already considering such a plan as part of the new jobs program. Certainly such

a program could accomplish a great deal.

Another possibility is a mandatory national service program. It could include some basic military training and the option of continuing in the military for a year or two, or just civilian work. Many young people support this idea, at least in the abstract; they would like to give something back to a country and a planet which have given so much to them. Such a program could strengthen national security by creating a militia to defend the United States in case of attack, by breaking down prejudices by forcing people from different racial and social backgrounds to work together, and by strengthening our physical plant. If a candidate for national office grabbed on to it, he might find a great deal of support from all sectors of the population.

There are, however, all sorts of political and practical obstacles to a plan like this. Of course, to implement it would require the creation of a whole new federal bureaucracy, exacerbating the

problem of an already swollen government. The program would take several years to fully implement, and the end result would likely be much less desirable than the vision. Forcing people into service may conflict with many of our basic national values. As much good as such a program might do, I'm not sure I could support its implementation.

If something related to jobs is to bring the youth of America together, I think it has to be something they can do themselves. It is very difficult to get excited over a government program in which you are a mere peon. Perhaps it would be possible to organize a nationwide network of groups of young people, each working to solve the most pressing problems of their communities. It would be no easy task to organize even one such group, and after that, the problems of funding for working materials and subsistence would be great.

These ideas seem to breed as many problems as they solve. That is not to say they should

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feedback

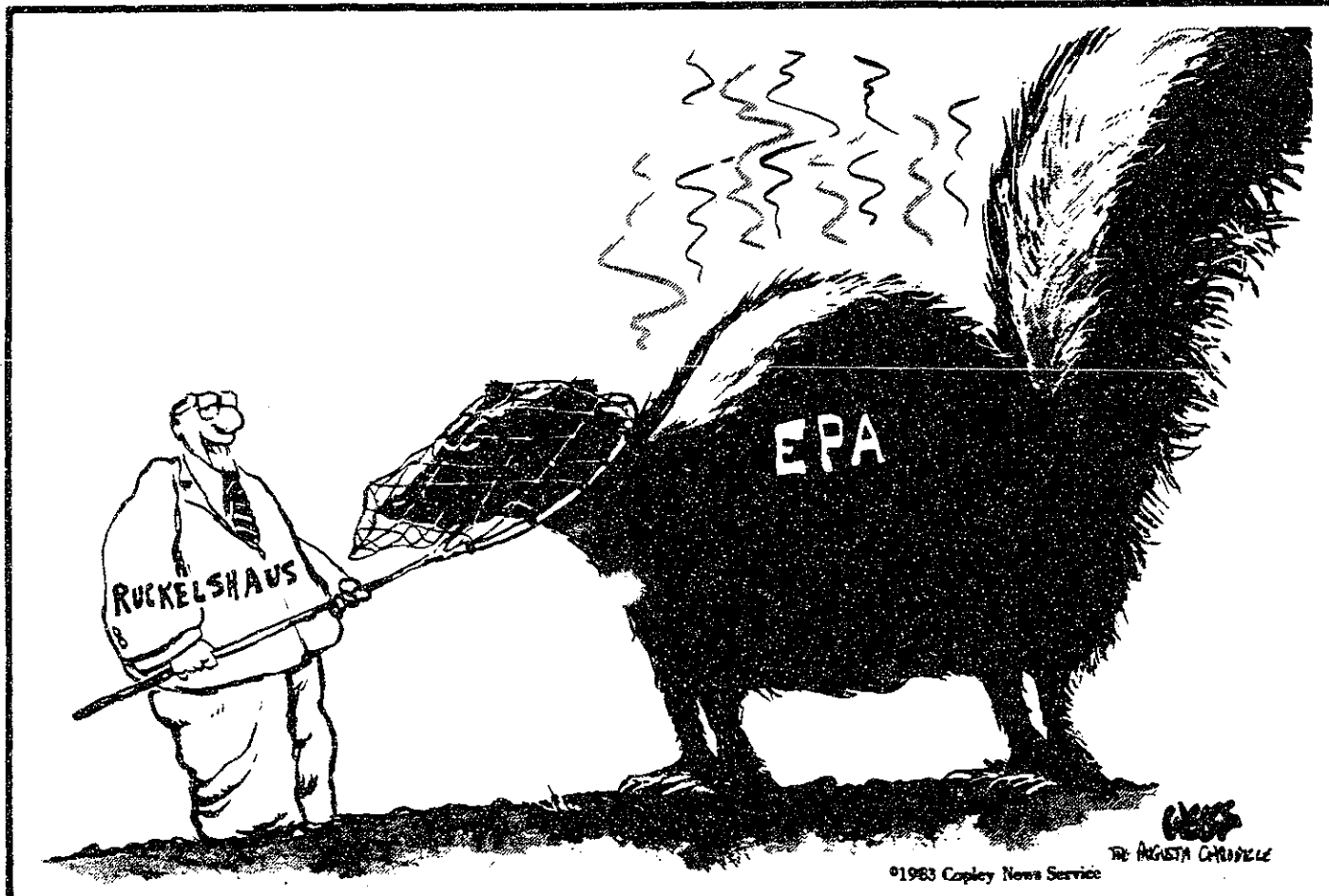
What is a "professor"?

To the Editor:

Recently, I received some inter-departmental mail describing the "Cognitive Science Major at MIT." On the back was a list of 10 "Professors" to contact. Are

these persons who tell you before they know or are they persons who can foretell the future (in which case I would be extremely interested in the courses that they offer)?

Edward Kim '86



The Tech

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Opinion

Public service could diminish prejudices

(Continued from page 4)

not be pursued, but only that they should be explored carefully and pursued with great caution. It would be a shame, however, if fears of organizational difficulties killed the idea of bringing the country together through service.

Perhaps we, as individuals, could begin to broaden our criteria as we search for jobs beyond simply, "What's in it for me?" We could begin to consider the social implications of what we chose to do or give them more weight in

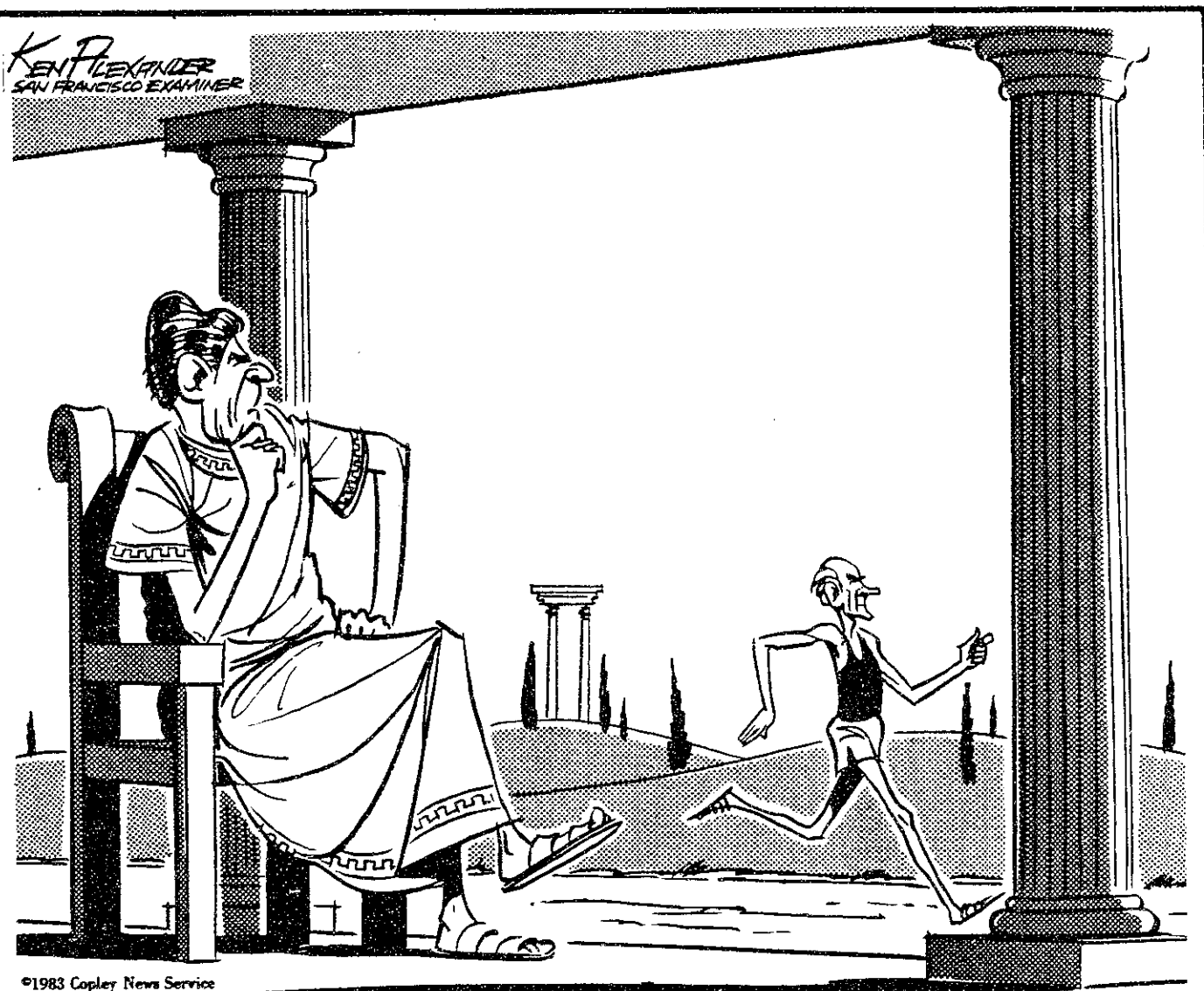
our decisions. If someone goes to work building bombs because he believes we need them, I might argue his reasoning, but I would still have to say, "More power to you." To put service at the top of our considerations would force some difficult decisions upon us, and to act on our convictions might prompt us to make some sacrifices. Yet we might find some deeper satisfactions in return, both for ourselves and for the country and world as a whole.

Editorials, marked as such and printed in a distinctive format, represent the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor-in-chief, managing editor, executive editor, and news editors.

Columns are usually written by members of *The Tech* staff and represent the opinion of the author, and not necessarily that of the rest of the staff.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

The Tech attempts to publish all letters received, and will consider columns or articles. All submissions should be typed, triple spaced, on a 57-character line and bear the author's signature. Unsigned letters will not be printed, but authors' names may be withheld upon request. *The Tech* reserves the right to edit or condense all letters.



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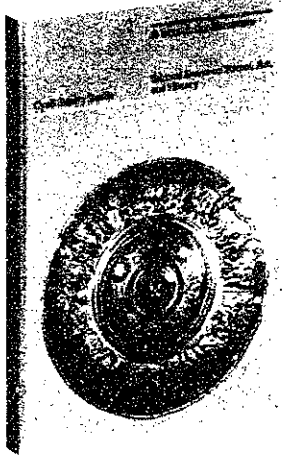
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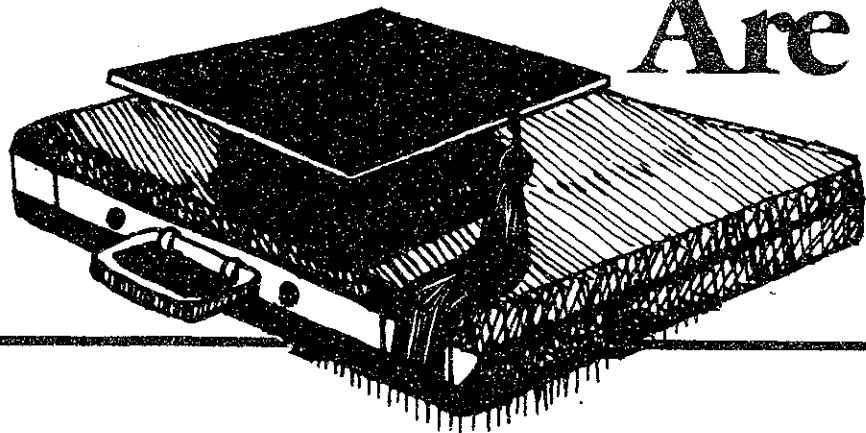
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Weak force

ARTS

The Physicists, by Friedrich Durrenmatt, directed by Downing Cless, at the Nucleo Eclettico Theatre, Wednesdays through Saturdays, April 13 through April 23 and May 4 through May 14, curtain at 8 pm.

Picture a dilapidated villa-turned-madhouse. The patients: three seemingly deluded nuclear physicists — one believes he is Newton, another believes he is Einstein, and the last has visions in which King Solomon imparts the secrets of the Universe. Overseeing them is a hunch-backed passionless psychiatrist; their attendants are beautiful yet athletic female nurses who nonetheless are being murdered one by one . . .

Sound interesting? Well don't get your hopes up; what begins as a lively comedy-mystery unfolds into a simplistic dialectic on the dangers of scientific knowledge, then ends in the throes of an inane melodrama that even the solid production at Nucleo

Eclettico could not sustain.

For all its comic trappings — a thick-skulled police inspector, a stereotypic head nurse, three lovable lunatics — Durrenmatt's *The Physicists* deals with a serious question: In what way are scientists responsible for the impact their discoveries make on mankind? Physicist Johann Wilhelm Mobius realizes that applications of his work could destroy the earth, and he's willing to spend his life locked inside an asylum to protect humanity. We're talking serious commitment here; in feigning madness, Mobius is forced to alienate his wife and children, and murder the nurse he loves.

We don't find out about a good deal of this until the middle of the closing act, which in itself isn't bad, but Durrenmatt buries the physicist's personal losses in buffoonery and an intellectual debate that destroys the stage action. We are treated to



a symbolic wine toast à la T.S. Eliot, and the use of corny scientific mumbo-jumbo like 'The Theory of Equivalents,' 'The Unitary Theory of Elementary Particles,' and 'The Principle of Universal Discovery' doesn't help things any.

Director Downing Cless tries to pump life into the worst of the discussion by wafting apparitions of the dead nurses on stage to do some symbolic posing. The ghosts certainly steal the scene with their grisly blood-spattered appearance, all the more curious because these girls were strangled to death. Aside from this minor inconsistency, Cless stages the play well.

John Valentine turns in a strong performance as Mobius; he keeps the character's emotions understated yet strongly expressive. Renee Miller is appropriately chilling as the hunchback Doctor Mathilde von Zahnd: From pensive conversation to raving lunacy, Miller is always in control. My

only complaint is she doesn't physicalize the hunchback enough. George Capaccio's Newton is quaintly fastidious and correct (his comic bits are the funniest on stage) and Eugene Boles' Einstein is a pitiful, doddering old man, but both actors are unable to maintain their characters when Durrenmatt turns them into strawmen. Oscar Koch's Police Inspector is a greasy Benny Hill look-alike that mugs too much.

Lorien Corbelletti's set with its drab browns and dirty whites looks more like a cave than the drawing room of a European villa, but under Marc Riske's lighting, the stage becomes lovely and frightening in turns (Samuel Beckett never had it so good!). Susan Gochenour's costuming is almost as entertaining as the rest of the show. With such acting and technical support it's a shame that Durrenmatt's script isn't stronger.

Bill Bryant



Van's spirit

ARTS

Inarticulate Speech of the Heart, Van Morrison on Warner Brothers Records.

Van Morrison's new album is a new problem for those who feel a particular rapport with this odd popular musician. It cannot convince those who have not the least interest in his music why listening to that music can seem so important.

Morrison's long career is an almost schizoid alternation between fine music that begs to be played through car radios and more uneven work that would never grace the airwaves. A perfect, completely accessible single like "Brown Eyed Girl" preceded the strange *Astral Weeks* album,

which was followed by "Domino," another arresting single, and the period of great popularity rooted in the album *Moondance*. Morrison then submerged from view of his larger audience to make three eccentric albums about some combination of Viet Nam, his native Ireland, and Marin County, ending his hermitage with the release of another perfect single, "Wavelength."

Inarticulate Speech of the Heart is related to the two albums that followed "Wavelength." It turns away from both traditional and contemporary pop music stances to grapple in words and sounds

with God and the world's spirituality. Morrison deals directly with what artistic manners suggest should be treated elliptically. *Heart* is about prayer and the belief that prayer will be answered.

The music is a soaking watercolor of synthesizer washes not dissimilar to certain Vangelis soundtracks. Vocals, bell-like guitars, and saxophones are etched atop gospel-styled vocal backdrops. Perhaps now there is a larger venue for this music, but at times it can be insubstantial and middlebrow in its evocations. "Higher Than the World," the flawless opening cut, avoids pretention, but the remaining tunes

vary from simply pretty to pretty good.

Van Morrison's best music has successfully infused the trivial forms of radio with conviction and urgency. Often his most popular music has been his best, taking the slightest sentiments of popular music — dancing, listening to the radio, making out — and transformed them beyond ambivalence. The handiwork of God may seem apparent when viewed through mountain mists, but the best thing about Van Morrison has been his ability to convince us that a spirit was to be found in the smallest things, including other people.

Gus Rancatore

Planet of pop

ARTS

Planet P, on Geffen Records.

Buying records produced by new groups with only one or two hit singles is always a gamble. Many record buyers shy away from groups relying on catchy science fiction names and slick, surreal cover art because these bands tend to be the least distinctive and most commercially oriented.

Planet P is just such a group, the product of Tony Carey and Peter Hauke. Carey plays keyboards, guitar, rhythm machine and sings lead vocals, assisted by several European studio musicians. Peter Hauke produced the album and played drums; he is better known as Germany's leading concert promoter. Their single "Why Me" is currently receiving a fair amount of airplay, and, no doubt, people are growing curious about the rest of their album.

Planet P's basic musical framework is very simple: danceable, traditional rock with science fiction/anti-technology lyrics and lots of synthesizers. Most of the songs feature a male in a high-tech situation — In "Why Me" he's on board a spaceship — lamenting leaving the Earth and/or his girl for the vast emptiness of the cosmos. Indeed, this boy-loses-girl-blame-it-on-technology theme seems to be prevalent among many of the new mainstream rock ballads. Criticism of this sort can hardly be considered valid when it originates

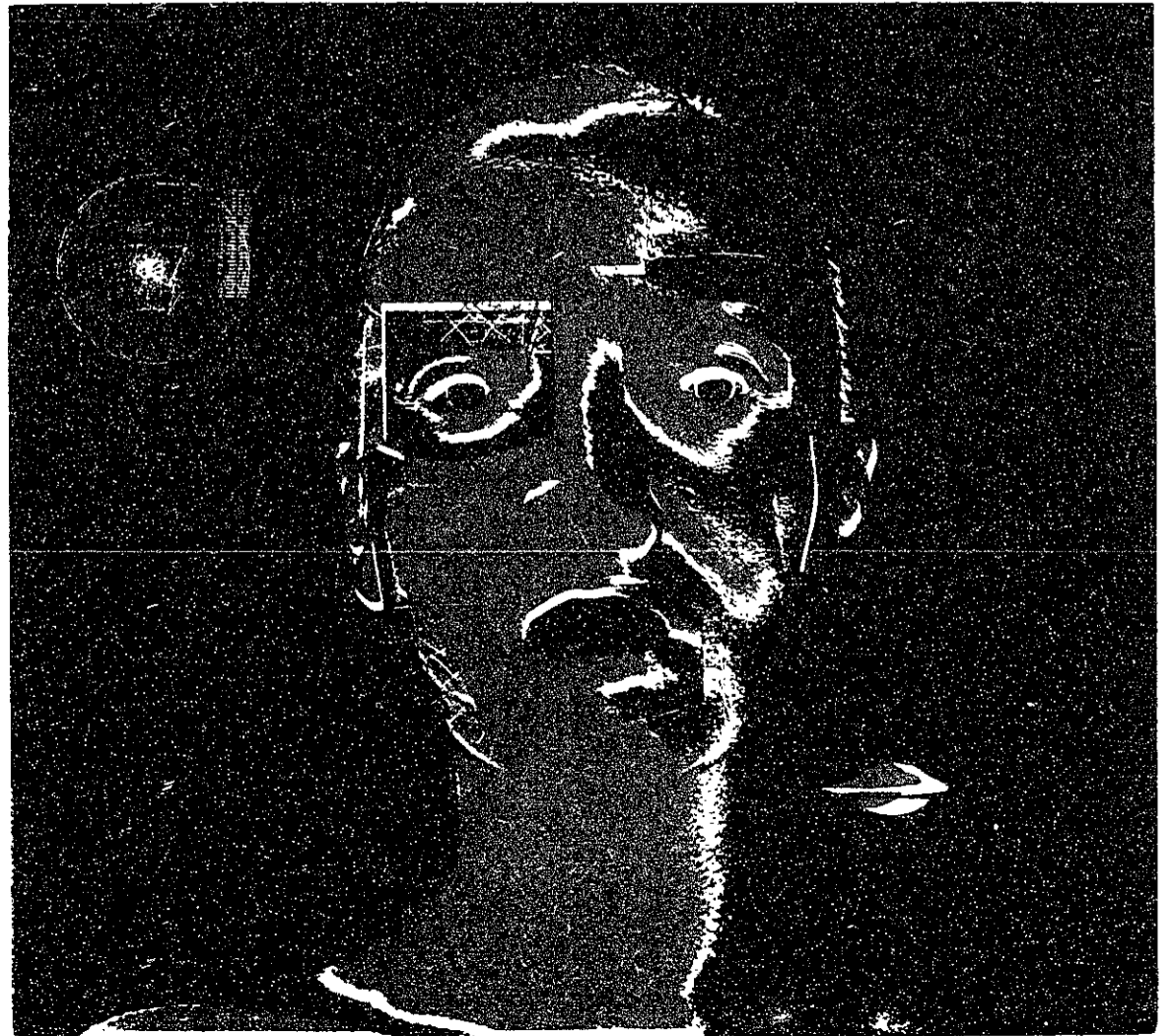
from a band that relies so heavily on synths and rhythm machines.

The music is state-of-the-art in terms of technique and production, but not very innovative. Yet credit is due to the excellent performance of the studio musicians and the producer; both are responsible for the album's balanced, crisp sound. The profusion of electronic effects and synthesizers acts more as an asset than an irritant, responsible for most of the music's drive.

What, then, is the problem with *Planet P*? Vocalist Tony Carey. Yet another purveyor of the "pop voice," Carey drowns any emotional content in a nondescript, bland smoothness that would serve equally well with an easy-listening band. Techno-pop requires a distinctive voice to make what is now formulaic music stand out.

Planet P is engaging for at least the first few listens; you might even find yourself humming some of the catchier tunes in your spaceship. Unfortunately, the album suffers from the most insidious of pop music diseases: caution. Experimental or progressive in only the most tenuous way, Planet P seems afraid to take any artistic chances that might hamper its commerciality. If you're still curious, *Planet P* comes from the planet Pop — look for it between Styx and Asia.

John Stein



sports

Track romps over Bears

(Continued from page 10)

lap, came in for second place with a time of 15:39. Mike Lyons '85 completed the sweep by barely preserving his third place finish in the final lap. His time was 15:57.

MIT sent DeRubeis, Peddie, Richards, and John Taylor to the track for the 1600-meter relay, the last event of the meet. They easily bested Bowdoin with a time of 3:29.7. The Bears crawled in 3.8 seconds later.

MIT track coach Gordon Kelly analyzed the victory: "Bow-

doin did not perform as strong as was expected. Also, we are really improving." He continued, "By the time of the championships, we could become a big factor."

Everyone can catch all this excitement on May 7 when MIT hosts the New England Division III Outdoor Track & Field Championships. Before that, the junior varsity will be going into action in home meets on April 12 at 4pm against Naval Prep and Holy Cross, and on April 28, hosting the Greater Boston JV Championships.

sports update

Golf — The golf team raised its record to 4-0 with a 388-401-405 victory over WPI and Babson Friday afternoon.

Sailing — The men's sailing team won both of its own invitationals

this weekend. The team was first of twelve in both events.

The women's team, meanwhile, placed eighth of 13 in Radcliffe's Sloop Shrew Trophy Sunday.

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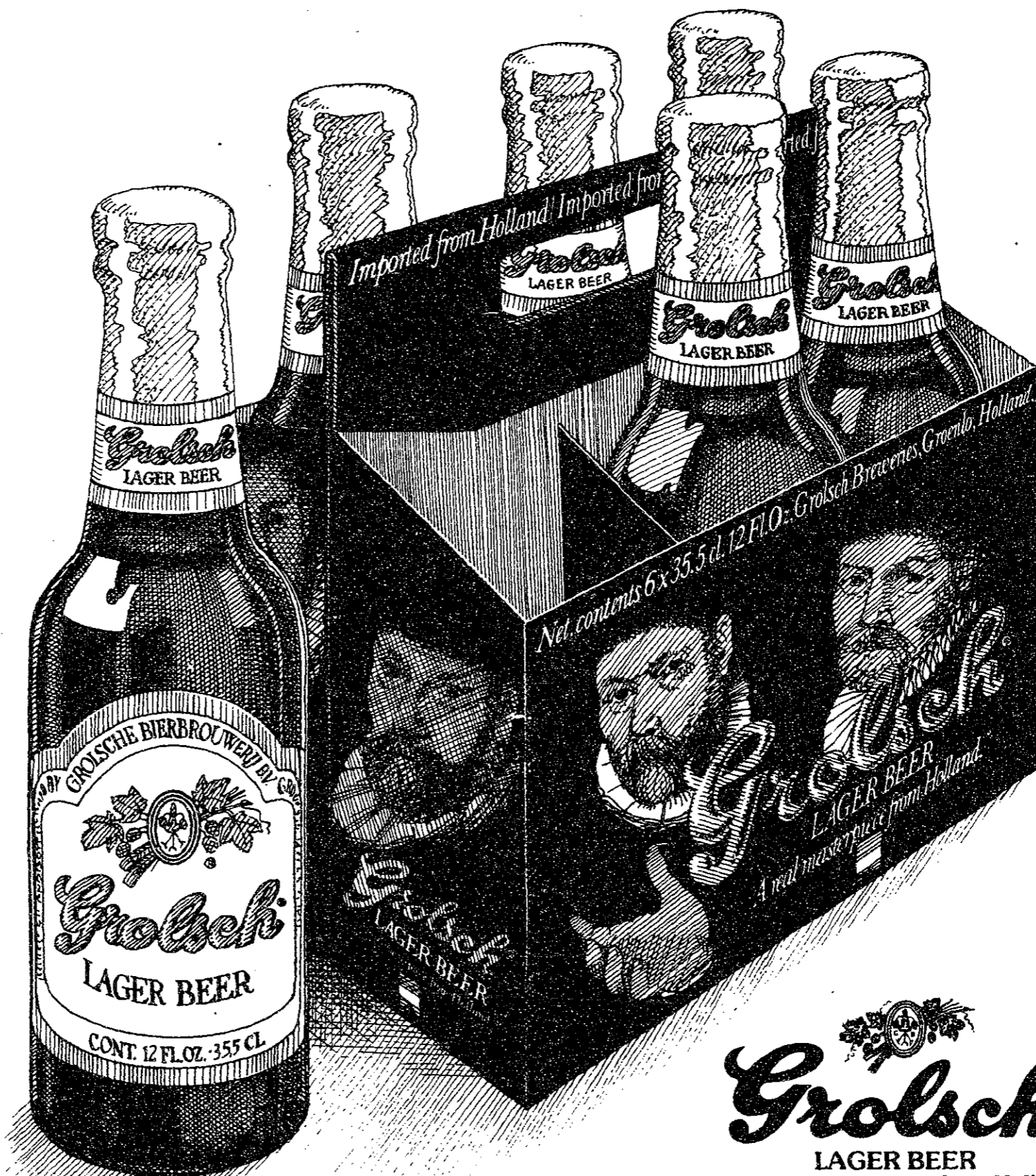
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comics

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Dolpha
By Joe Cerami

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OH REALLY? WHY DON'T YOU TRY TO STOP ME?

DOLPHA, YOU MUST LURE HER IN-- YOU ARE THE ONLY ONE IMMUNE TO HER SPELL!

THE ENRAGED MEDUSA LONGS FOR DOLPHA AND IS CAGED BY THE NET!

MEDUSA'S SNAKES BEGAN TO GNAW HER OUT OF THE NET WHILE HER EYES MAKE CONTACT WITH THOSE OF HER BANEHEMIST!

AARRRHH! YOU'LL GET YOU YET!

AAA! NOW YOU'LL BE MARRIED!

OH DAMN! I'VE NOT AGAIN!

DOLPHA BATTLES ALONE AS JACK AND VAN DIR GET STONED!

Room 001
By Carol Yao

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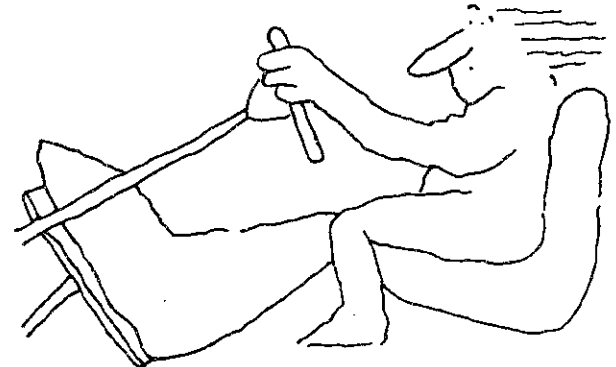
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sports

Tennis falters, drops to 8-2

By Thomas R. Kennedy III
The men's tennis team won three and dropped one match last week. After defeating Bowdoin 9-0 on Wednesday, Amherst 5-4 on Thursday, and Colby 8-1 on Friday, the Engineers met their match when Williams handed them a 7-2 loss under perfect skies on Saturday.

Will Sauer '85, MIT's number one seed, battled back from a bad start to a split-set loss to Williams' Craig Hammond. Trading service breaks in the first set, Sauer lost 5-7, only to come back and win an equally close second set 7-5. Sauer and Hammond volleyed to a 6-6 tie in the third. The tie breaker then went twelve points before Hammond scored his 7-5 win.

MIT's John Chen '84 put on a flawless performance in the first

set of the second match to go up 6-2. He could not, however, maintain his concentration as Williams' Marc Sapher took the last two sets 6-1, 6-2.

Rob Craig '86 stayed close in the third match only to drop to the number three man from Williams 7-5, 6-3.

The Engineers' first win of the day was the result of an injury in the fourth match. Ramy Rizk '86 received the forfeit when Tim Rives pulled previously injured abdominal muscles while serving in the first game of the second set. Rives was unable to return and did not participate in doubles competition.

Team captain George Hoehn '83 had little trouble dispatching his opponent. He defeated the number five man from Williams 6-2, 6-2, adding MIT's second

win of the day. The victory proved to be the last for the hosts, as Chiwon Hahn '83 was unable to handle his man, and the Engineers dropped all three doubles matches.

The team of Hoehn-Sauer lost to Hammond-Harrity 1-6, 6-7. Chen-Craig fell to Sapher-Larmer 2-6, 5-7. Rizk-Oggie Jones '84 were beaten in split sets by Burbank-Peterson 3-6, 6-4, 4-6.

Saturday's loss dropped the team to 8-2 for the season. The team faces Tufts at home Wednesday before traveling to Amherst to take on UMass on Thursday.

sports update

Crew — The women's crew team posted sequential finishes in its races Saturday. The junior varsity squad led off with a fourth place showing. The varsity squad was third in the next race. MIT's second novice boat was runner up to Radcliffe's entry in the third race, but the real story came in the noon novice event.

The Engineers' first novice eight survived a collision with a sailboat and still won the event.

The men's lightweights opened their season at Yale Saturday, losing to the host Elis by three seconds. The heavyweights fared no better at Columbia, finishing 15 seconds behind the host team.

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sports

Outdoor track wins 12 of 19 events, dumps Bears

By Arthur Lee

The outdoor track team had bear steaks for lunch last Saturday afternoon at Steinbrenner Stadium, as the Engineers blasted away the Bowdoin Polar Bears by a score of 105-58. MIT's record is now even at 1-1.

It all started with some mighty heaves. Pat 'Big Man' Parris '85 threw the hammer for 166' to win the event. Greg Procopio '85 threw his for 149' 9" to snare second place, while William Kelly '85 was third with 125' 8". MIT track fans are also rejoicing because Parris and Procopio qualified for the NCAA Division III Championships in the hammer event. Their qualifying throws occurred the week before at the

University of New Hampshire. Parris threw a 176' 7", while Procopio had a 154' 7".

Coming back to more incredible performances against Bowdoin, MIT recorded another six points in the discus. Procopio continued his fine afternoon by taking first place with a throw of 129' 8", giving MIT five points. William Kelly '85 also contributed one point by placing third. His throw was 128' 2".

The Polar Bears then gnawed at MIT's lead by sweeping the long jump. Ross Dreyer '86, however, won the pole vault with a height of 12' 6". Captain Martin Taylor '83 took second place in the triple jump to prevent a Bear sweep, bounding 44' 11".

The Engineers got serious in the high jump and swept the event. Ian McCallum '84 won, Andy Krystal '83 placed, and Taylor showed. They all made six feet; the only differences lay in the number of attempts.

Greg 'Puttin' them Shots' Procopio showed how he got the name by snatching second place. He put it well at 44' 8". His buddy in crime, Pat Parris, took third with 43' 6". In the javelin, Gordon Beckhart '84 won easily with a distance of 54.94 meters. William Kelly trailed at third with 46.04.

The Engineers dominated on the field, and they continued to dominate on the track. The 400-meter relay team sped past Bow-

doin in a time of 44.09. The Polar Bears crawled in 1.10 seconds later. In the steeplechase, Andrew Peddie '86 did a good job of getting second place in 10:37.7. Eric Ginsburg '86 followed in third, recording a time of 10:44.

The next event was the 1500 meters. MIT sent in Ken Kovach '83, Bob Walmsley '84, and Chris Kurker '83 to sweep the race, and they did. Their times were 4:02.06, 4:13.89, and 4:16.89, respectively. Then MIT almost swept the next one. In the 110-meter high hurdles, Joe Presing '84 flew all the way home in 15 seconds. Teammate Ross Dreyer followed closely behind in second place with 17.1 seconds.

Fine performances were also evident in the 400-meter dash. John Taylor '84 won, recording a time of 51.5 seconds. Dave Richards '86 was close on Taylor's heels. He came in second with a time of 51.8.

The Polar Bears, however, struck back in the 100-meter

dash. John DeRubeis '83 salvaged the event with a third place finish in 11.65 seconds. MIT fared a little better in the next event. Andrew Peddie ran a fast second place in the 800 meters, recording a time of 1:58.14.

Then came the dynamic duo of John Taylor and Joe Presing. They easily outdistanced their competitors in the 400-meter intermediate hurdles. Taylor took first with 56.08. Presing "followed" at 56.09 to snare second.

Ed Arenberg '85 was the lone showing in the 200-meter dash. He snatched second place from the paws of the Bears with a time of 22.9.

MIT scored a complete victory in the 5000 meters. Bob Walmsley, despite a possible pinched nerve in his left arm, braved the cold, brisk wind of the waning afternoon to win the event. His time was 15:25. Bill Bruno '85, after losing his lead in the tenth

(Please turn to page 8)

Lacrosse shows its mettle in 7-6 loss

By Mark R. Harsch

MIT lacrosse coach Walter Alessi was standing in a corridor in duPont Gym Wednesday night responding to a visitor's comment that Holy Cross should not be on the team's schedule. The Engineers had suffered a lopsided defeat to Amherst on Saturday, and so what if they had beaten Westfield State by a goal the day before? This was Holy Cross that was coming to town on Thursday. Division I Holy Cross. Undeclared (3-0) Holy Cross. MIT had as much of a chance of playing a competitive game with the Crusaders as the Beach Boys had of playing a concert in Washington on July 4th. If Alessi was aware of the above, he gave no indication. "Sure, they have done a lot of recruiting," he said, "and they might beat us, but they're not going to trounce us." The visitor left shaking his head.

The coach's words proved prophetic Thursday, as the only shaking heads belonged to the Crusaders. Holy Cross won 7-6, but only after staging a five-goal third quarter comeback and barely surviving a furious MIT rally. MIT owned a 3-1 lead at the

half, courtesy of junior Bill Larkins' steady goaltending (8 saves) and goals by Earl Bartley '83, Harry Lipschitz G, and Greg Czuba '83. The team displayed none of the tentativeness that was prevalent in the Amherst game. The passing was crisp. Both the clears and offensive plays were executed deliberately, and the result was that MIT led in every important statistical category at halftime.

The Engineers, unfortunately, chose the third quarter to revert to some bad habits, and the Crusaders, who were finally convinced that merely showing up was not going to guarantee victory, capitalized on the errors to score five unanswered goals and lead 6-3 with fifteen minutes to go.

The stage was set for MIT to fold, but nobody told the team this. Manny Oliveria G scored to make it 6-4 with just over ten minutes left. The score stayed that way until, with 1:46 to go, Lipschitz took a pass from Mark Johnston '84 and shot the ball past the Holy Cross goalie from twenty feet out to bring the home

team within one.

The Crusaders, after taking a timeout to regroup, showed that they could perform under pressure by taking the faceoff and scoring to make the score 7-5 with only 1:35 left.

MIT still refused to quit. Johnston scrambled for a groundball close to the Holy Cross goal and, after shaking off one defender, put the ball into the net to bring the deficit back to one with 1:25 on the clock. Johnston's shot was MIT's last gasp, however, and Holy Cross escaped, 7-6.

The team has many reasons to be proud despite the loss. Its members proved that they could play with the big boys, even though Alessi used only two midfielders for the majority of the game. The Engineers also demonstrated a much improved capacity to clear. They cleared the ball successfully 5 out of 5 times in the last quarter as Larkins and defenseman Mark Brine '85 took charge.

Most importantly, the team showed that it has character, which is something Alessi knew all along.

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Graduate Students

Interviews for seats on Institute Committees will be held on Monday and Tuesday April 18 and 19, from 5 PM to 7 PM in the GSC office, Room 50-222. Interviews will be held for graduate students interested in seats on the following committees:

Faculty Committees

Committee on Educational Policy
Committee on Graduate School Policy
Committee on the Library System
Committee on Student Affairs

Presidential Committees

Commencement Committee
IAP Policy Committee

Corporation Committee

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For an application and interview appointment, contact the Graduate Student Council by phoning 253-2195 afternoons, or stop by Room 50-222.

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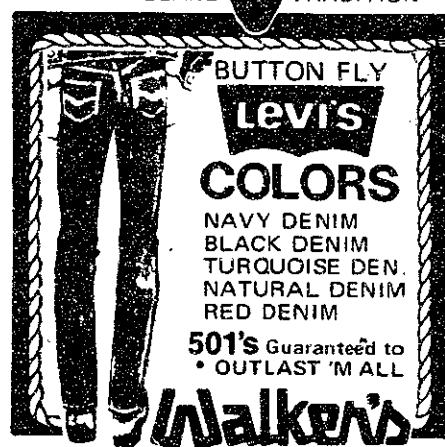
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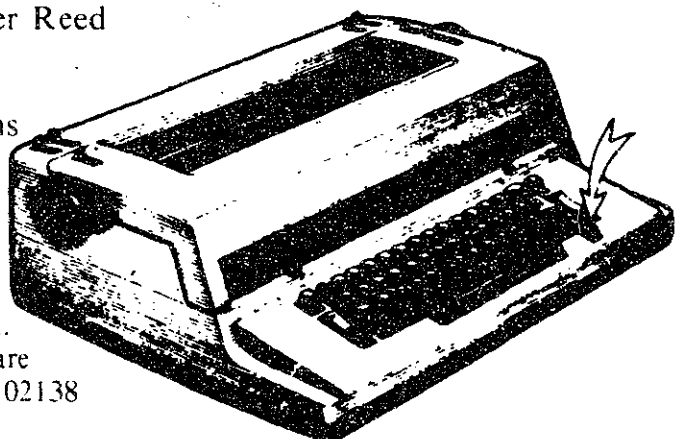
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Softball raises record to 5-0

By Eric R. Fleming

If you're ever out watching a women's softball game on Briggs Field, you will probably hear the word "donuts." Jean Heiney's troops use it to describe their attempts at shutting out the opposition. The team has only one shutout this season, but most importantly, there is a big donut in the loss column. Saturday, the Engineers swept both their games in a round-robin affair on Briggs Field, raising their record to five wins in as many outings.

Wheaton was the alleged opposition in the first game, but the real opponent was fatigue (when Tech grew tired of swinging the bat). MIT pounded out 20 hits en route to a 22-3 pasting. All 11 players hit safely, with Lou Jandura '84, Cindy Robinson '84, Liz Anderson '84, and Julie Chen '86 collecting three safeties each.

MIT broke the game open with a ten-run fourth inning and never looked back. Robinson pitched the first five frames and picked up the win, and Jandura mopped up in the last two to get the save.

Western Connecticut and Wheaton provided the action in the middle game, with Western winning 12-3. Although its record was only 4-7, Western was an above-average club, and would provide the Engineers with a challenge in the final contest.

After going down 1-2-3 in the first, MIT jumped out to a 3-0 lead in the following inning, thanks to some Western defensive miscues. Catcher Terry Felts '84 was safe on an error by the first baseman. Robinson attempted to bunt her batterymate to second. The Western pitcher hustled off the mound and threw wildly to second, allowing Felts to go to third. Felts then scored on a

passed ball. Grace Saccardo '86 reached first on an error by the second baseman, and Robinson crossed the plate. Two outs later, Joyce Kelly '83 got to first on an error by the shortstop, and Stacy Thompson '86 singled Saccardo home for MIT's third run.

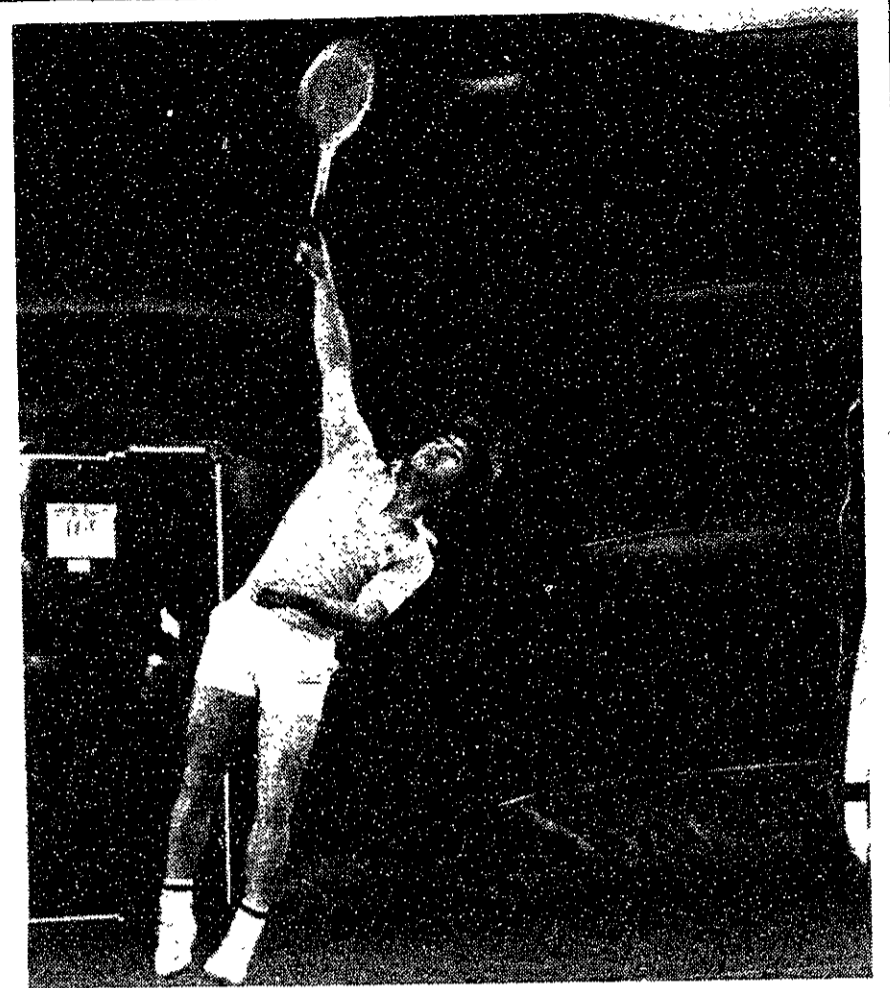
Western wasted no time in striking back. Rightfielder Jennifer Dayton smashed a 2-2 pitch into right for a single. After the next batter grounded to short, Jennifer Killaney took a Robinson pitch into the gap in right center for a two-bagger, scoring Dayton. Barb LeRoy grounded to short for two outs, and Patty Vance walked. Alicia O'Brien was safe on second baseman Chen's error, loading the bases. Karen Burmann knocked in a run when Chen mishandled her grounder. Robinson was not rattled, however, as she got a big strikeout on Sue Beatty to end the inning.

The Engineers threatened in the fourth and fifth innings, but could not push a run across. Anderson drew a leadoff walk in the

fifth. Jandura flied out, but Felts laid down a drag bunt single to put runners on first and second. A passed ball moved Felts and Anderson up, but Western was able to get Robinson and Saccardo to ground out.

Western's best chance to tie came in the sixth. O'Brien singled to left to start the inning. Burmann then tapped back to the mound. Robinson went to second for the force on O'Brien but threw wide of the bag. The Tech hurler made up for her error when she forced O'Brien at third on Beatty's comebacker to the mound. Designated hitter Liz Najamy grounded to second, putting the hard-hitting Dayton at the plate. Dayton slapped a pitch to the right side, but Chen reached up and snared the drive, leaving the tying run at third.

Western put a runner on in the seventh, but Robinson dug in, striking out the last batter to give MIT the 3-2 win.



Tech photo by Omar S. Valerio
Rob Craig '86 unleashes a serve. Story on page 10.

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